

Title (en)  
Device for adjusting the printing image in a flexographic printing machine

Title (de)  
Vorrichtung zur Einstellung des Druckbildes in einer Flexodruckmaschine

Title (fr)  
Dispositif de repérage de l'image d'impression dans une machine d'impression flexographique

Publication  
**EP 1249346 B1 20051012 (DE)**

Application  
**EP 02005727 A 20020313**

Priority  
• DE 10115134 A 20010327  
• DE 10145957 A 20010918

Abstract (en)  
[origin: EP1249346A1] The device sets relative positions of rollers involved in ink transfer. At least some of the rollers can be driven by their own drives in common and independently so rollers involved in the printing process can be added together. At least one camera acquiring the print image on the print medium feeds successively acquired images to a control/regulating unit that produces signals for participating rollers until the image is formed without loss of area. The device sets the relative positions of the rollers (3,7,8) involved in ink transfer, at least some of which can be driven by their own drives (M1-M4) both in common as well as mutually independently so that the rollers involved in the printing process can be added together. At least one camera acquiring the print image on the print medium (17) feeds successively acquired images to an electronic control and regulating unit (13) that produces signals for participating rollers until the image is formed without loss of area. AN Independent claim is also included for the following:- a method of setting a print image in a rotary print machine.

IPC 1-7  
**B41F 33/00**; **B41F 13/30**; **B41F 5/24**

IPC 8 full level  
**B41F 5/24** (2006.01); **B41F 13/30** (2006.01); **B41F 31/02** (2006.01); **B41F 31/30** (2006.01); **B41F 33/00** (2006.01); **B41F 33/14** (2006.01); **G06T 7/00** (2006.01)

CPC (source: EP US)  
**B41F 5/24** (2013.01 - EP US); **B41F 13/20** (2013.01 - EP US); **B41F 13/30** (2013.01 - EP US); **B41F 33/0036** (2013.01 - EP US); **B41F 33/0045** (2013.01 - EP US); **B41P 2200/12** (2013.01 - EP US); **B41P 2200/30** (2013.01 - EP US); **B41P 2213/734** (2013.01 - EP US); **Y10S 101/45** (2013.01 - EP US)

Cited by  
EP2127876A1; DE102006060464A1; EP1916102A1; EP1839854A1; EP2384892A1; WO2011138466A1; DE102010000907B4; CN103101290A; DE102011084544B4; DE102006060465A1; DE102006060465B4; DE102007025910B4; DE102007049192B4; ES2395183A1; DE102013010764A1; EP2759407A3; DE102006060464B4; DE102006060464C5; US7100509B2; EP2295248A1; WO2004065127A3; WO03066332A3; WO2008049501A3; WO2013024186A1; WO2008049500A3; WO2013068239A2; DE102011086047A1; DE102007049192A1; DE102007025910A1; US7444935B2; DE102008025114A1; DE202007004713U1; EP2581226A1; DE102011084544A1; EP2298552A1; DE102010042033A1; WO2012045579A1; US8534194B2; DE202007004717U1; WO2011086044A1; DE102010000907A1; WO2012089496A1; US9259914B2; WO2010142405A2; DE102009025053A1; US8578850B2; EP2759407A2

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